

## WEST Search History

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DATE: Monday, January 12, 2004

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<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L3	L1 same (gene adj3 silenc\$)	39
<input type="checkbox"/>	L2	L1 and (gene adj3 silenc\$)	414
<input type="checkbox"/>	L1	thaliana	3505

END OF SEARCH HISTORY

## STN Search Summary

10/018929

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FILE 'CAPLUS' ENTERED AT 13:51:19 ON 12 JAN 2004

L1 12964 S THALIANA  
 L2 12 S L1 AND (GENE (3W) SILENCE?)  
 L3 66 S REVIEW/DT AND (GENE (3W) SILENCE?)  
 L4 8 S L3 AND PLANT  
 L5 8 S L4 NOT L2

L2 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:873438 CAPLUS

TI High-throughput vectors for efficient gene silencing in plants  
 AU Helliwell, Chris A.; Wesley, S. Varsha; Wielopolska, Anna J.; Waterhouse, Peter M.  
 SO Functional Plant Biology (2002), 29(10), 1217-1225

L2 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:832988 CAPLUS

TI Sequences of synthetic nucleic acid molecule for imparting multiple traits and uses for transforming plants  
 IN Gonsalves, Dennis; Fermin-Munoz, Gustavo Alberto  
 PA Cornell Research Foundation, Inc., USA  
 SO PCT Int. Appl., 191 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002086146	A2	20021031	WO 2002-US13377	20020424
	WO 2002086146	A3	20031030		
	US 2003190700	A1	20031009	US 2002-131814	20020424
PRAI	US 2001-286075P	P	20010424		

L2 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:208436 CAPLUS

TI Cloning of transcriptionally silenced plant genes  
 IN Steimer, Andrea; Mittelsten Scheid, Ortrun; Paszkowski, Jerzy  
 PA Syngenta Participations A.-G., Switz.  
 SO PCT Int. Appl., 36 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001020010	A2	20010322	WO 2000-EP8994	20000914
	WO 2001020010	A3	20020117		
	EP 1212445	A2	20020612	EP 2000-967677	20000914
	JP 2003509056	T2	20030311	JP 2001-523781	20000914
PRAI	GB 1999-21964	A	19990916		
	WO 2000-EP8994	W	20000914		

L2 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:805592 CAPLUS

TI Gene dosage and stochastic effects determine the severity and direction of uniparental ribosomal RNA gene silencing (nucleolar dominance) in *Arabidopsis* allopolyploids  
 AU Chen, Z. Jeffrey; Comai, Luca; Pikaard, Craig S.  
 SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(25), 14891-14896

L2 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:605027 CAPLUS  
TI DNA construct to confer multiple traits on plants  
IN Pang, Sheng-zhi; Gonsalves, Dennis; Jan, Fuh-jyh  
PA Cornell Research Foundation, Inc., USA  
SO PCT Int. Appl., 77 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9837223	A1	19980827	WO 1998-US3030	19980218
	AU 9866571	A1	19980909	AU 1998-66571	19980218
	AU 729306	B2	20010201		
	EP 970237	A1	20000112	EP 1998-908568	19980218
	BR 9807587	A	20000321	BR 1998-7587	19980218
	US 2002108146	A1	20020808	US 2001-943215	20010830

L2 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:454066 CAPLUS

TI Identification of plant genetic loci involved in a posttranscriptional mechanism for meiotically reversible transgene silencing  
AU Dehio, Christoph; Schell, Jeff  
SO Proceedings of the National Academy of Sciences of the United States of America (1994), 91(12), 5538-42

L2 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1994:2110 CAPLUS  
TI Epigenetic repeat-induced gene silencing (RIGS) in Arabidopsis  
AU Assaad, Farhah F.; Tucker, Kerry Lee; Signer, Ethan R.  
SO Plant Molecular Biology (1993), 22(6), 1067-85

L5 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:659000 CAPLUS  
TI RNA viruses as inducers, suppressors and targets of post-transcriptional gene silencing  
AU Marathe, Rajendra; Anandalakshmi, Radhamani; Smith, Trent H.; Pruss, Gail J.; Vance, Vicki B.  
SO Plant Molecular Biology (2000), 43(2/3), 295-306

L5 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:123904 CAPLUS  
TI Dissecting the mechanisms of posttranscriptional gene silencing: divide and conquer  
AU Grant, Sarah R.  
SO Cell (Cambridge, Massachusetts) (1999), 96(3), 303-306

L5 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:810493 CAPLUS  
TI Gene silencing: Cosuppression at a distance  
AU Smyth, David R.  
SO Current Biology (1997), 7(12), R793-R795

L5 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:314764 CAPLUS  
TI Genomic stability and stability of expression in genetically modified plants  
AU Maessen, G. D. F.  
SO Acta Botanica Neerlandica (1997), 46(1), 3-24

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STN Search Summary Con't

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FILE 'CAPLUS' ENTERED AT 14:18:01 ON 12 JAN 2004  
L1 111 S THALIANA AND (GENE (2W) SILENC?)  
L2 83 S L1 AND TRANSCRIPT?  
L3 32 S L2 AND METHYL?

L3 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:472637 CAPLUS  
TI Targeted post-transcriptional gene silencing  
(PTGS) in plants whereby initiation of PTGS of the transgene causes  
silencing of the endogenous target gene  
IN Vaistij, Fabian; Voinnet, Olivier; Baulcombe, David Charles.  
PA Plant Bioscience Limited, UK  
SO PCT Int. Appl., 87 pp.  
PATENT NO. KJND DATE APPLICATION NO. DATE  
----- ----- ----- -----  
PI WO 2003050288 A1 20030619 WO 2002-GB5505 20021205  
PRAI GB 2001-29754 A 20011212  
GB 2002-98 A 20020103

L3 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:10866 CAPLUS  
DN 138:282151  
TI ROS1, a repressor of transcriptional gene  
silencing in *Arabidopsis*, encodes a DNA glycosylase/lyase  
AU Gong, Zhizhong; Morales-Ruiz, Teresa; Ariza, Rafael R.; Roldan-Arjona,  
Teresa; David, Lisa; Zhu, Jian-Kang  
SO Cell (Cambridge, MA, United States) (2002), 111(6), 803-814

L3 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:61205 CAPLUS  
TI Release of epigenetic gene silencing by trans-acting  
mutations in *Arabidopsis*  
AU Scheid, Ortrun Mittelsten; Afsar, Karin; Paszkowski, Jerzy  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1998), 95(2), 632-637